



1. LEAD PANELS SHALL BE CONSTRUCTED FROM SINGLE UNPIERCED SHEET. FREE OF OXIDE INCLUSIONS, FISSURES, VOIDS AND ALL OTHER DETRIMENTAL DEFECTS. MATERIAL SHALL BE LEAD GRADE "C" TO COMPLY WITH FEDERAL SPECIFICATION-QLQ201. SHIELD SHALL MEET ALL APPLICABLE FEDERAL, STATE AND LOCAL RADIATION GUIDE LINES: NBS HANDBOOK 111 AND 114, ANS N43.2 AND DOE ORDER 5480.11.
2. DIMENSIONS IN BRACKETS [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.
3. BOND STAINLESS STEEL TO LEAD WITH ADHESIVE PER SPEC.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES		ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR			
.XX	0.030 (762)			
.XX	0.010 (.254)			
.XXX	0.005 (.127)			
SURFACE ROUGHNESS 125				
REMOVE ALL BURRS AND BREAK SHARP EDGES AS MAX.				
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AND BEST PRACTICES AND TO BE IN ACCORDANCE WITH LATEST AND BEST PRACTICES				
DESIGNER				
SANCHEZ/ENGELBRECHT				
RESPONSIBLE ENGINEER				
T. SANCHEZ				
DATE				
10/24/94				
CHIEF DESIGN ENGINEER				
D. SHU				
DATE				
10/28/94				
TITLE				
ADVANCED PHOTON SOURCE				
U1 4" I.D. SHIELDED TRANSPORT				
22" SUPPORT STAND				
SHIELDING				
Ø.25 SIDE				
MATERIAL				
SEE DRAWING				
SCALE				
1:2				
SHEET				
1 of 1				
C				
DRAWING NUMBER				
P4105090601-750101-01				